VALIVACQ software

Available languages : French, English, Italian, German, Spanish

ValiVACQ has been designed for validation of hospital sterilization.
EN554 compatible.

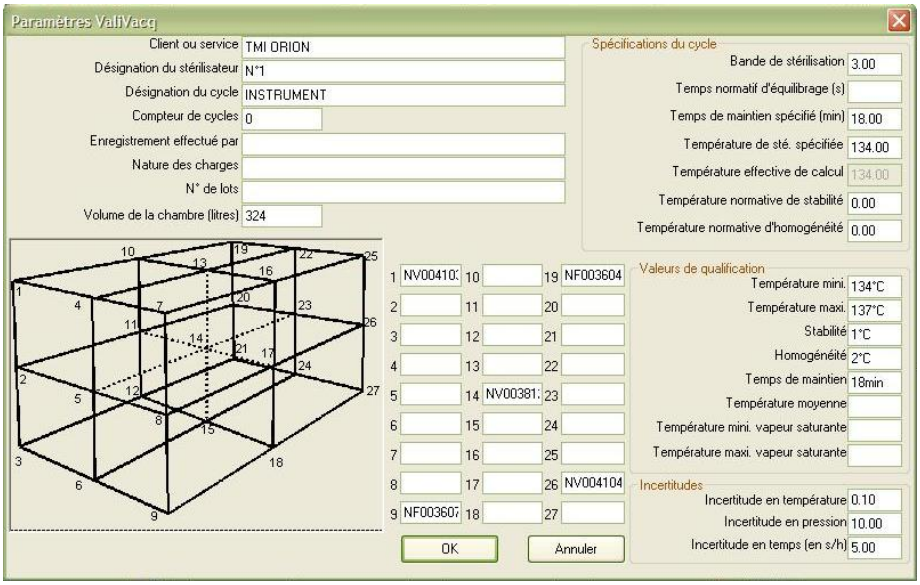
ValiVACQ is a validation software enabling the edition of reports in compliance with EN554 norm.

User friendly and simple of use, it allows a precise analysis of the physical magnitudes measured during the whole cycle(temps d'équilibrage, temps de maintien...).

The autoclave validation is done in three steps: loggers programming, positioning inside the autoclave, reading of the data recorded during the sterilization cycle.

Logger programming

- Creation of a customized sterilization cycles library with spotting of the location of the loggers in use.



Loggers programming
- for an acquisition duration
- with an acquisition rate
- for a start at a specific date or on temperature threshold

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1. Positioning of the loggers in autoclave

Placed inside the charges, TMI ORION probes can record any sterilization cycle type.

For average volume autoclaves, the basic model contains:

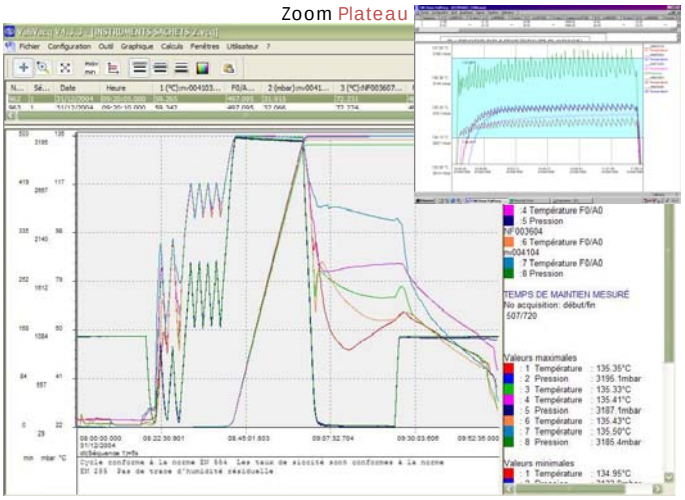
- 2 pressure/temperature loggers
- 4 temperature loggers
- A communication interface with the PC
- ValiVACQ data treatment software

For1 cubic meter or more autoclaves, we recommend:

- 6 additional temperature embedded loggers
- 1 additional communication interface that connects to the first multi-tool interface; thus enabling simultaneous programming and reading of 12 loggers.

2. Simultaneous reading of recorded data

When the sterilization cycle is over, reconnect the loggers on the multi-tool interface. A few seconds later, all the data recorded in the NanoVACQ memory are displayed on your screen.



Digital and graphical datas

Début de cycle: 1	Valeurs mesurées	Valeurs de référence	Valeurs de qualification	Sondes
Analyse thermique au plateau				
Température de sté. spécifiée		134.00°C		
Température effective de calcul		134.00°C		
Température mini.	134.95°C	134.00°C	134°C	NF003607
Température maxi.	135.50°C	134.00°C	137°C	nv004104
Température de la chambre	135.14°C			NF003607
Homogénéité	0.32°C	0.00°C	2°C	nv004103..nv004104
Stabilité	0.46°C	0.00°C	1°C	nv004104
Analyse temporelle				
Cadence de mesure	05s			
Temps de maintien	18min 24s	18min 0s	18min	nv003812..NF003604
Temps de maintien mesuré	17min 48s	507..720		nv004103..NF003607
Temps d'équilibrage	3.8s	0s		nv004104..nv003812
Analyse des pressions				
Pression moyenne	3157mbar			
Vide	<30mbar			nv004103
Présence de l'agent stérilisant				
Sélection: Temps de maintien mesuré				
Température mini. vapeur saturante		134.91°C		
Température moyenne	135.21°C	135.3°C		
Température maxi. vapeur saturante		135.80°C		
Analyse des F0/A0				
Tr=121.1°C z=10°C				
Sélection: Cycle entier				
F0/A0 calculée sur la sélection	488..503min	351min		NF003607..nv003812

Data analysis report in compliance with EN554 norm.

System requirements

- Windows® 98-2000-Me-NT-XP,
- Serial port (RS232) or USB,
- Minimum 800x600 pixels display recommended

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